

ABSTRACT OF THE DISCLOSURE

CO₂ emissions from Fischer-Tropsch facilities are controlled by using multiple reactors. A process for the conversion of syngas using multiple Fischer-Tropsch reactors comprises reacting at least a portion of a first syngas in a first Fischer-Tropsch reactor to form a first hydrocarbonaceous product and a second syngas. The second syngas is mixed with a H₂-containing stream to form an adjusted syngas. At least a portion of the adjusted syngas is reacted in a second Fischer-Tropsch reactor to form a second hydrocarbonaceous product and a third syngas. At least a portion of the first and second hydrocarbonaceous products are blended to obtain a blended hydrocarbonaceous product.